

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference WO44860	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/IB2005/001867	International filing date (day/month/year) 30/06/2005	(Earliest) Priority Date (day/month/year)
Applicant NOKIA CORPORATION		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 9

- ☒ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention

b. ☐ none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2005/001867A. CLASSIFICATION OF SUBJECT MATTER
H04L27/26 H04L1/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A ✓	SHOUSHENG HE ET AL: "A new approach to pipeline FFT processor" PARALLEL PROCESSING SYMPOSIUM, 1996., PROCEEDINGS OF IPPS '96, THE 10TH INTERNATIONAL HONOLULU, HI, USA 15-19 APRIL 1996, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 15 April 1996 (1996-04-15), pages 766-770, XP010165053 ISBN: 0-8186-7255-2 cited in the application the whole document	1-18
A ✓	US 2004/252632 A1 (BOURDOUX ANDRE ET AL) 16 December 2004 (2004-12-16) the whole document ----- -/-	1-18

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

28 February 2006

Date of mailing of the international search report

13/03/2006

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INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2005/001867

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A ✓	US 2004/059766 A1 (YEH YEOU-MIN) 25 March 2004 (2004-03-25) the whole document	1-18
A ✓	US 2004/136349 A1 (WALTON J. RODNEY ET AL) 15 July 2004 (2004-07-15) the whole document	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2005/001867

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004252632 A1	16-12-2004	NONE	
US 2004059766 A1	25-03-2004	CN 1486001 A TW 224263 B	31-03-2004 21-11-2004
US 2004136349 A1	15-07-2004	AU 2003287296 A1 BR 0315535 A CA 2501921 A1 EP 1559231 A2 WO 2004038984 A2	13-05-2004 17-01-2006 06-05-2004 03-08-2005 06-05-2004